| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 10/751,200      | KOH, KYUNG HEE |
| Examiner        | Art Unit       |
| Chuong A. Luu   | 2818           |

| / | Rejected | - | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
|   | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim             | Т            | -        |          | _            | Date            | _        |          |          | -        | 1:::: | C     | aim      | Т-           |          |          |           | \ata     | -      |         |         | ٠  | 01       | aim        |          |          |          | -        | \        | _        |          |          |   |
|-------------------|--------------|----------|----------|--------------|-----------------|----------|----------|----------|----------|-------|-------|----------|--------------|----------|----------|-----------|----------|--------|---------|---------|----|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---|
|                   | +            |          |          | <del>ا</del> |                 |          |          |          |          |       |       | _        | +-           |          | _        | _         | )ate     | _      | _       | _       | -  | <u> </u> |            | -        |          |          | 一片       | ate      | -        | -        |          | _ |
| Final<br>Original | 12/22/04     | 6/1/05   |          |              |                 |          |          |          |          |       | Final | Original |              |          |          |           |          |        |         |         |    | Final    | Original   |          |          |          |          |          |          |          |          |   |
| 0                 | V            | 7        |          |              |                 |          | Н        | 1        |          |       |       | 51       |              | Н        | П        | Н         | 一        | +      | 十       | 十       | 1  |          | 101        | Н        | Н        | Н        | Н        |          |          | $\dashv$ | $\dashv$ | _ |
| 2                 | 1            | 7        |          |              |                 |          |          | $\neg$   |          |       |       | 52       |              |          |          |           |          |        | T       | 十       | 7  |          | 102        |          |          |          | П        |          |          |          | 寸        | _ |
| 3                 | 1            |          |          |              |                 |          |          | $\Box$   |          |       |       | 53       | П            |          |          |           |          |        |         |         |    |          | 103        |          |          |          |          |          |          |          | $\Box$   |   |
|                   | 0            |          |          |              |                 |          |          | $\Box$   |          |       |       | 54       |              |          |          |           | $\Box$   | $\Box$ |         | $\perp$ |    |          | 104        |          |          |          |          |          |          |          | $\Box$   |   |
| 5                 | 1            | 7        | Ц        |              | Ц               |          | Щ        | _        |          |       |       | 55       | L            | Ш        |          | Ш         | _        | ᆚ      | ᆚ       | ┸       | _  |          | 105        |          | Ц        |          |          |          |          |          | $\Box$   |   |
| 6                 | 7            | 1        | _        |              | Ш               | Ш        | Ц        | 4        | _        |       |       | 56       | _            |          | Ш        |           | _        | 4      | 1       | 4       | _  |          | 106        | oxdot    | Ш        |          | Ц        |          |          | Ц        | _        |   |
| 7                 | ⊢            | 4        | $\dashv$ | _            | Н               | $\dashv$ | $\dashv$ | -+       | _        |       |       | 57       | ļ            |          | Н        | $\square$ | -        | 4      | 4       | +       | -  |          | 107        | <u> </u> | Н        |          | Н        |          |          | $\dashv$ | 4        | _ |
| 8                 | ╌            | 7        | $\dashv$ |              | Н               | $\dashv$ | $\dashv$ | ┽        | _        |       | -     | 58<br>59 | -            | $\vdash$ | Н        | Н         | +        | ┿      | +       | ╀       | -  |          | 108        |          | Н        |          | Н        | _        | _        | $\dashv$ | +        | _ |
| 10                | ⊢            | 7        | $\dashv$ |              | Н               | $\dashv$ | $\dashv$ | $\dashv$ |          |       | -     | 60       | ├-           | H        | Н        | $\vdash$  | $\dashv$ | +      | ╁       | ┿       | -  |          | 109<br>110 | -        | Н        |          | Н        | -        | _        | -        | $\dashv$ | _ |
| 111               | $\vdash$     | 7        | $\dashv$ |              | Н               | $\dashv$ | $\dashv$ | $\dashv$ | _        |       |       | 61       | 1            |          | Н        | $\vdash$  | +        | 十      | 十       | +       | -  |          | 111        | _        | Н        |          | Н        | -        |          | $\dashv$ | $\dashv$ | _ |
| 12                |              | 7        |          | $\vdash$     | H               | -1       | $\dashv$ | $\dashv$ |          |       |       | 62       |              | $\vdash$ | Н        | H         | ┪        | +      | ╅       | +       | ┧∭ | -        | 112        |          | Н        | Н        | Н        | ٦        | H        | -        | +        | _ |
| 13                |              |          | -        |              |                 |          |          | _        |          |       |       | 63       | L            |          | Н        | Н         | 一        | 十      | 十       | 十       | 1  |          | 113        |          | Н        | Н        | H        | Н        |          | -1       | $\dashv$ | _ |
| 14                |              |          |          |              |                 |          |          |          |          |       |       | 64       |              |          |          |           |          | _      | 1       |         | 7  |          | 114        |          |          |          |          |          |          | $\neg$   | ┪        | _ |
| 15                |              |          |          |              |                 |          |          | $\Box$   |          |       |       | 65       |              |          |          |           |          | I      | I       | I       |    |          | 115        |          |          |          |          |          |          |          | 丁        | _ |
| 16                | _            | Ш        |          |              | Ш               |          |          |          |          |       |       | 66       |              |          |          |           |          |        | $\perp$ |         |    |          | 116        |          |          |          |          |          |          |          |          | _ |
| 17                | lacksquare   |          |          |              | Ш               |          |          | 4        |          |       |       | 67       | <u> </u>     | Ш        |          | Ш         | _        | 1      |         |         | _  |          | 117        |          |          |          |          |          |          |          |          |   |
| 18                | $\vdash$     | Щ        | _        |              | Н               | Н        | $\dashv$ | 4        | _        |       |       | 68       | _            | Щ        | Ш        | Ш         | 4        | 4      | 4       | 4       | 4  |          | 118        |          |          |          | Ш        |          |          |          | 4        | _ |
| 19                | <del> </del> | Щ        |          |              | Н               | $\dashv$ | $\dashv$ | -1.      | -        |       |       | 69       | Ļ            | L        |          | Н         | -        | 4      | +       | 4       | 4  |          | 119        | Ш        | Ш        |          | Щ        |          |          | 4        | 4        |   |
| 20                | $\vdash$     | Н        | $\vdash$ | -            | Н               | $\dashv$ | $\dashv$ | -        | _        |       |       | 70       | ├-           | H        | -        | Н         | -        | +      | +       | +       | -  |          | 120        |          | Н        |          | Н        | _        |          | -        | 4        | _ |
| 22                | $\vdash$     | Н        | $\dashv$ | $\vdash$     | Н               | $\dashv$ | $\dashv$ | $\dashv$ | -        |       |       | 71<br>72 | ⊢            | Н        |          | Н         | +        | +      | +       | +       | -  |          | 121        | Н        | Н        | Н        | -        |          |          | $\dashv$ | 4        | _ |
| 23                | ╁            | $\vdash$ | H        |              | H               | -        | $\dashv$ | ╅        | -        |       |       | 73       | ┢            | $\vdash$ | $\vdash$ | Н         | -        | +      | +       | +       | -  |          | 123        | H        | Н        | $\vdash$ | Н        |          | $\vdash$ |          | +        |   |
| 24                | Г            | Н        |          |              | Н               | $\dashv$ | -        | $\dashv$ | _        |       | _     | 74       | ┢            | $\vdash$ |          | Н         | +        | +      | +       | +       | -  |          | 124        | Н        | Н        |          | Н        | -        | -        | $\dashv$ | ┪        | _ |
| 25                |              |          |          |              |                 | $\neg$   |          | 寸        |          |       |       | 75       | ⇈            | $\vdash$ |          | $\vdash$  | -        | +      | ╅       | +       | 7  |          | 125        | Н        | Н        | $\vdash$ | Н        |          | $\vdash$ | $\dashv$ | +        | _ |
| 26                |              |          |          |              |                 |          |          | T        |          |       |       | 76       | T            |          |          | П         | ヿ        | $\top$ | $\top$  | 十       | 7  |          | 126        |          | Н        |          |          |          |          | 7        | 7        | _ |
| 27                |              |          |          |              |                 |          |          | $\Box$   |          |       |       | 77       |              |          |          |           | $\neg$   | $\top$ | T       | T       | 7  |          | 127        |          |          |          |          |          |          |          | 7        | _ |
| 28                |              |          |          |              |                 |          |          |          |          |       |       | 78       |              |          |          |           |          | $\Box$ |         |         | ]  |          | 128        |          |          |          |          |          |          |          | $\neg$   | _ |
| 29                | Ш            |          | _        | _            |                 |          | _        | _        | _        |       |       | 79       | 乚            | Ш        |          |           |          |        |         | $\perp$ |    |          | 129        |          |          |          |          |          |          |          |          |   |
| 30                |              |          | _        | _            | Щ               | _        | _        | _        |          |       |       | 80       | L            | Ш        |          | Ш         | 4        | 4      | 4       | $\perp$ |    |          | 130        |          |          |          |          |          |          |          | $\Box$   | _ |
| 31                | $\vdash$     | Н        | -        | $\dashv$     | Н               | $\dashv$ | -        | $\dashv$ | _        |       |       | 81       | ├-           | Н        | Щ        | 4         | 4        | 4      | 4       | 4       | 4  |          | 131        | Ш        | Ш        |          | Ш        |          |          | 4        | 4        | _ |
| 32<br>33          | Н            | Н        | $\dashv$ | $\dashv$     | $\vdash \dashv$ | $\dashv$ | +        | +        | -        |       |       | 82       | -            | Н        | $\vdash$ |           | -        | +      | +       | +       | 4  |          | 132        | -        | Н        | $\vdash$ | $\sqcup$ | 4        | Щ        | 4        | 4        |   |
| 33                |              | Н        | -1       | $\dashv$     | Н               |          | -        | +        | 4        |       |       | 83<br>84 | $\vdash$     | Н        | H        | $\dashv$  | +        | +      | ╁       | +       | -  |          | 133<br>134 | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -        |          | $\dashv$ | +        | _ |
| 35                | Н            | Н        | ᅱ        | 一            | $\vdash$        | 1        | +        | $\dashv$ | 4        |       |       | 85       | $\vdash$     | H        | $\vdash$ |           | $\dashv$ | +      | ┿       | ╫       | -  |          | 135        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |   |
| 36                | П            | Н        | $\dashv$ | 一            | $\vdash$        | 一        | 1        | $\dashv$ | _        |       |       | 86       | 1            | H        | H        | -         | -+       | +      | ╅       | +       | 1  |          | 136        | Н        | $\vdash$ | Н        | $\vdash$ | -        | $\vdash$ | $\dashv$ | +        | ÷ |
| 37                |              |          | コ        | ╗            |                 | ╛        |          | ⇉        |          |       |       | 87       |              |          |          | $\neg$    | _        | +      | 十       | 1       | 1  |          | 137        | П        | Н        |          | Н        | $\dashv$ |          | 7        | $\dashv$ | _ |
| 38                |              |          | J        |              |                 |          |          |          |          |       |       | 88       |              |          |          |           |          | _      | 丁       | 丁       | ]  |          | 138        |          | П        |          | П        | $\dashv$ | П        | $\dashv$ | 7        | _ |
| 39                | Ш            |          | $\Box$   | $\Box$       |                 | $\Box$   | $\Box$   | I        |          |       |       | 89       |              |          |          |           | $\Box$   | I      | $\perp$ | I       | ]  |          | 139        |          |          |          |          |          |          |          |          | _ |
| 40                | Ш            | Ц        | _        | _            | Ц               | _        | 4        | _        |          |       |       | 99       | $oxed{\Box}$ |          |          |           | $\bot$   |        | $\perp$ | $\perp$ |    |          | 140        |          |          |          |          |          |          |          | $\Box$   | Ξ |
| 41                | Н            | $\dashv$ | _        | 4            | Ц               | -        | 4        | 4        | _        |       |       | 91       | $\vdash$     | Ш        |          |           | 4        | 4      | 4       | 1       |    |          | 141        |          | Ш        |          |          |          |          | $\Box$   | $\Box$   | _ |
| 42<br>43          | Н            | $\dashv$ | -        | -            | $\dashv$        |          | $\dashv$ | -        | 4        |       |       | 92       |              | Н        | $\vdash$ | $\dashv$  | -        | 4      | +       | +       | -  |          | 142        | Ш        | Ш        |          | Ш        | _        |          | 4        | 4        | _ |
| 43                | Н            | -        | -        | -            | $\dashv$        | -        | $\dashv$ | +        | $\dashv$ |       |       | 93       | $\vdash$     | Н        | $\dashv$ | $\dashv$  | -        | +      | +       | +       | -  |          | 143        | Н        | $\vdash$ | $\dashv$ | Ц        | 4        |          | -        | 4        | _ |
| 45                | Н            | $\dashv$ | ┥        | -            | -               |          | +        | +        | ⊣        |       |       | 94<br>95 | $\vdash$     | Н        | $\dashv$ | $\dashv$  | +        | ┿      | +       | ╫       | -  |          | 144<br>145 | $\vdash$ | $\vdash$ | -        |          | 4        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| 46                | Н            | $\dashv$ | -        | $\dashv$     |                 | -+       | $\dashv$ | 十        | ᅱ        |       |       | 96       | $\vdash$     | Н        | $\dashv$ | $\dashv$  | $\dashv$ | ┰      | +       | ╁       | -  |          | 146        | H        | $\vdash$ |          | $\vdash$ | 4        | $\dashv$ | $\dashv$ | +        | _ |
| 47                | Н            | $\dashv$ | -1       | -            | -               | ┪        | +        | +        | ┥        |       | _     | 97       |              | $\vdash$ | $\dashv$ | -+        | +        | +      | +       | ╁       | -  |          | 147        | Н        |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | - |
| 48                | П            |          | ┪        | ┪            | $\dashv$        | ┪        | 7        | $\top$   | ┪        |       |       | 98       |              | Н        | $\dashv$ | -1        | $\dashv$ | +      | +       | +       | 1  |          | 148        | Н        | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | -+       | -        | _ |
| 49                |              |          |          | 7            |                 |          |          | 1        | ٦        |       |       | 99       |              |          |          | 7         | 十        | +      | +       | 十       | 1  |          | 149        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | +        | $\dashv$ | _ |
| 50                |              |          | $\Box$   |              |                 | $\Box$   | $\Box$   | I        |          |       |       | 100      |              |          |          |           | 寸        | $\top$ | +       | 7       | 1  |          | 150        |          |          | $\dashv$ | T        | ᅥ        | $\dashv$ | $\dashv$ | +        | _ |